PART B - FEE(S) TRANSMITTAL Complete and send this form, toget Mail Stop with applicable fee(s), to: Mail SUE FEE Commissioner for Patents APR 0 4 2005 8 P.O. Box 1450 Alexandria, Virginia 22313-1450 (703) 746-4000 or Fax INSTRUCTIONS: This form should be used or transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed wh appropriate. All further correspondence in the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address indicated unless corrected below the patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address; and/or (b) indicating a separate "FEE ADDRESS" maintenance fee notifications. CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) Note: A certificate of mailing can only be used for domestic mailings of Fee(s) Transmittal. This certificate cannot be used for any other accompany papers. Each additional paper, such as an assignment or formal drawing, m have its own certificate of mailing or transmission. 20792 7590 01/10/2005 **MYERS BIGEL SIBLEY & SAJOVEC** Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the Un States Postal Service with sufficient postage for first class mail in an envel addressed to the Mail Stop ISSUE FEE address above, or being facsim transmitted to the USPTO (703) 746-4000, on the date indicated below. PO BOX 37428 RALEIGH, NC 27627 04/05/2005 HTECKLU2 00000036 10668022 (Depositor's na Carey Gregôry: (Signat 1400.00 OP 01 FC:1501 30.00 ÖP 02 FC:8001 2005 (D March 300.00 OP APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10/668,022 09/22/2003 Gi-Tae Jeong 5649-1170 1428 TITLE OF INVENTION: DATA SENSING CIRCUITS AND METHODS FOR MAGNETIC MEMORY DEVICES APPLN. TYPE SMALL ENTITY **ISSUE FEE PUBLICATION FEE** TOTAL FEE(S) DUE DATE DUE NO nonprovisional \$1400 \$300 \$1700 04/11/2005 **EXAMINER** ART UNIT CLASS-SUBCLASS HOANG, HUAN 2818 365-209000 l. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, <u> Myers Bigel Sibley</u> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. & Sajovec (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer listed, no name will be printed. Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Republic of Korea Samsung Electronics Co., Ltd. Individual Corporation or other private group entity Governm Please check the appropriate assignee category or categories (will not be printed on the patent): 4a. The following fee(s) are enclosed: 4b. Payment of Fee(s): Issue Fee A check in the amount of the fee(s) is enclosed. Publication Fee (No small entity discount permitted) Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized by charge the required fee(s), or credit any overpayment Deposit Account Number 50-0220 (enclose an extra copy of this form). Advance Order - # of Copies 5. Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will notice accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other part NOTE: The Issue Fee and Publication Fee (if required) will not interest as shown by the records of the Wnited States Patch and Trademark Office.

Typed or printed name Robert W. Glatz 36,811 Registration No. This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to proc an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to comp this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 14 Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Authorized Signature

Date

005